

## All COR ISO Recommendations

### Latent Condition, Seismic and ISS

Friday, October 12, 2012 12:40:07 PM

Type	Rec #	ABU	Unit	Year (I/R)	LC or ISS Question #	LC Question ISS Question Seismic Area	Observation	Recommendation	Resolution	Duc Date	Assigned To	Status
Latent Condition	617	RLOP	GRU	2004	1-12	Is the length of a shift during startup and turnaround appropriate given the degree of alertness required and potential for operator fatigue?	The concern is the number of consecutive 12 hour shifts that may be worked, by operations, maintenance, or management.	The concern is the number of consecutive 12 hour shifts that may be worked by operations, maintenance, engineers, supervisors or management. HR guidance is given for the number of 12s that may be worked in a row, but often overlooked during S/D or S/U, or when a job must be filled with overtime. The team is concerned that fatigued employees create a risk to the refinery, and other employees.	This item remained open at the time of the 2009 RLOP GRU PHA. During the 2009 review, the team stated that 'the number of consecutive 12 hour shifts that may be worked is limited to six.' No further follow up required.			Completed
Latent Condition	618	RLOP	GRU	2004	3-15	Are all equipment labels located close to the items that they identify?	Exchanger and vessel labeling should be re-stenciled	Equipment such as exchangers and vessels, the labeling should be re-stenciled. In recent shutdowns, the incorrect exchangers were opened due to many factors, including inadequate labels.	This item remained open during the 2009 RLOP GRU PHA. During the 2009 review, the PHA team recommended to 'Survey RLOP GRU and Flare exchangers and vessels labeling and re-stenciled where necessary.' This action item will be closed and the recommendaion will be tracked to completion under Latent Condition action item #551.			Completed